

PATENT ABSTRACTS OF JAPAN

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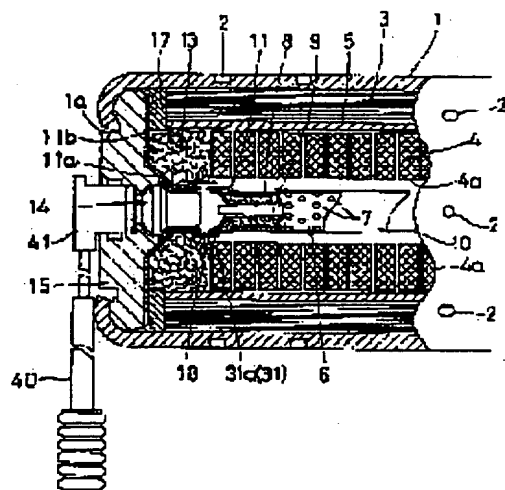
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(54) AIR BAG INFLATOR

(57)Abstract:

PURPOSE: To improve the insertion and fabricability of an igniter tube by preventing a metallic fine wire of a spacer from being inserted from a pressure release hole of an igniter barrel and being caught.

CONSTITUTION: A pressure release hole 18 formed in a body part of an igniter barrel 11 at the end of an igniter tube 6 is covered so as to be opened by the combustion gas pressure of an igniting agent 8 filled in the igniter tube 6. When the igniter tube 6 is inserted into a ring-shaped spacer 13 and a center part of a gas generating agent device 4 from one open end part 1a of a cylindrical case 1 for fitting, the pressure release hole 18 is covered, and the igniter tube 6 is smoothly inserted into an appropriate position by preventing the metallic fine wire constituting the spacer 13 from being inserted into the pressure release hole and being caught.



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1. This document has been translated by computer. So the translation may not reflect the original precisely.
2. **** shows the word which can not be translated.
3. In the drawings, any words are not translated.

CLAIMS

[Claim(s)]

[Claim 1] The cylinder case which has arranged the filter layer and the generation-of-gas agent layer from the inner skin side inside at this order. The ignitor tube by which contained the fuse in the ignition agent and the center while equipping the end with the ignitor barrel extended in the shape of the flare, and insertion arrangement was carried out from end opening of a cylinder case in the core of a generation-of-gas agent layer. The ring-like spacer which the confounding of many metal thin lines is carried out, and permeability and cushioning properties are given, is arranged between the periphery section which is an ignitor barrel, and the edge of a generation-of-gas agent layer, and controls a generation-of-gas agent fill, Squibb stationed by being inserted in an ignitor barrel, stopping in the flare section, and approaching the terminal of the aforementioned fuse, and the end cap which caulking fixation is carried out and fixes an ignitor barrel and Squibb to end opening of a cylinder case. the air bag inflator equipped with the above -- it is -- the pressure relief of the aforementioned ignitor barrel -- it is characterized by blockading a hole possible [opening] with the combustion gas pressure of the ignition agent in an ignitor tube

[Claim 2] the pressure relief of an ignitor barrel -- the air bag inflator according to claim 1 characterized by being blockaded by the thin layer material which the hole covered on the periphery of an ignitor barrel

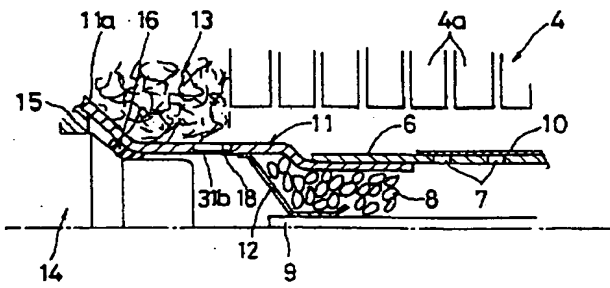
[Claim 3] The air bag inflator according to claim 2 characterized by thin layer material being aluminum foil.

[Claim 4] the pressure relief of an ignitor barrel -- the air bag inflator according to claim 1 characterized by being blockaded with the thin wall with which the hole was really fabricated by the unilateral

[Claim 5] the pressure relief of an ignitor barrel -- two or more combustion gas jet to which the hole was covered by the periphery of an ignitor tube and was formed in this ignitor tube -- an air bag inflator given in any of the claims 1-3 characterized by being blockaded in the installation section of the aluminum foil which blockades a hole they are

[Translation done.]

Drawing selection : drawing 5



[Translation done.]